

1 23. (New): A communication system comprising:
2 (a) a hub for communicating at least one first signal and at least one second signal,
3 converting the first signal into a radio frequency with an appropriate format and
4 transmitting the first signal to conductive elements via an exciter;
5 (b) a probe for receiving the first signal, converting the first signal into the second
6 signal and transmitting the second signal to the hub via the exciter;
7 wherein the conductive elements are conductive members selected from a conductive
8 frameworks, electrical wires, metal walls or any combination thereof; and
9 the conductive elements receive the second signal from the probe and transmit the
10 second signal to the exciter.

1 24. (New): The system recited in claim 1, wherein the hub includes at least one of a diplexer,
2 a power amplifier, a transmitter, a receiver, a frequency converter, a modem, a security
3 controller, and a network processor.

1 25. (New): The system recited in claim 2, wherein the security controller processes signals
2 from a camera or another hub comprising a receiver and a transmitter.

1 26. (New): The system recited in claim 1, wherein at least one of the first signal and the
2 second signal are at a radio frequency between 0.5-100 MHz.

1 27. (New): The system recited in claim 1, wherein at least one of the first signal and the
2 second signal includes information from at least one of a satellite television, a cable television,

3 an Internet provider, a computing device, a phone provider, a DVD player, a computer, a
4 television, DSL, and LAN.

1 28. (New): The system recited in claim 1, wherein the hub is connected to another hub by a
2 hard wire or wirelessly.

1 29. (New): A communication method comprising the steps of:

2 (a) communicating at least one first signal and at least one second signal, converting
3 the first signal into a radio frequency with an appropriate format and transmitting the first
4 signal to conductive elements via an exciter by a hub;

5 (b) allowing a probe to receiving the first signal, to convert the first signal into the
6 second signal and to transmit the second signal to the hub via the exciter;

7 wherein the conductive elements are conductive members selected from a conductive
8 frameworks, electrical wires, metal walls or any combination thereof; and

9 the conductive elements receive the second signal from the prove and transmit the
10 second signal to the exciter.

1 30. (New): The method recited in claim 7, wherein the hub includes at least one of a
2 diplexer, a power amplifier, a transmitter, a receiver, a frequency converter, a modem, a security
3 controller, and a network processor.

1 31. (New): The method recited in claim 8, wherein the security controller processes signals
2 from a camera or another hub comprising a receiver and a transmitter.

1 32. (New): The method recited in claim 7, wherein at least one of the first signal and the
2 second signal are at a radio frequency between 0.5-100 MHz.

1 33. The method recited in claim 7, wherein at least one of the first signal and the second
2 signal includes information from at least one of a satellite television, a cable television, an
3 Internet provider, a computing device, a phone provider, a DVD player, a computer, a television,
4 DSL, and LAN.

1 34. (New): The method recited in claim 7, wherein the hub is connected to another hub by a
2 hard wire or wirelessly.

1 35. (New): A hub utilizing for a communication system,
2 wherein the hub for communicating at least one first signal and at least one second
3 signal, converting the first signal into a radio frequency with an appropriate format and
4 transmitting the first signal to conductive elements via an exciter;
5 wherein the communication system includes a probe for receiving the first signal,
6 converting the first signal into the second signal and transmitting the second signal to the
7 hub via the exciter;
8 wherein the conductive elements are conductive members selected from a conductive
9 frameworks, electrical wires, metal walls or any combination thereof; and
10 the conductive elements receive the second signal from the prove and transmit the
11 second signal to the exciter.

1 36. (New): The hub recited in claim 13, wherein the hub includes at least one of a diplexer, a

2 power amplifier, a transmitter, a receiver, a frequency converter, a modem, a security controller,
3 and a network processor.

1 37. (New): The hub recited in claim 14, wherein the security controller processes signals
2 from a camera or another hub comprising a receiver and a transmitter.

1 38. (New): The hub recited in claim 13, wherein at least one of the first signal and the
2 second signal are at a radio frequency between 0.5-100 MHz.

1 39. (New): The hub recited in claim 13, wherein at least one of the first signal and the
2 second signal includes information from at least one of a satellite television, a cable television,
3 an Internet provider, a computing device, a phone provider, a DVD player, a computer, a
4 television, DSL, and LAN.

1 40. (New): The hub recited in claim 13, wherein the hub is connected to another hub by a
2 hard wire or wirelessly.